

IN THE CLAIMS

Please rewrite claims 1-3, 6-15, and 21 as follows:

- A2
1. (Once Amended) An optical path control apparatus comprising:
 - a first substrate;
 - a second substrate which is movable relative to said first substrate;
 - a mirror section provided on said second substrate to have a reflective surface with a fixedly predetermined angle with respect to a surface of said second substrate; and
 - a driving section which moves said second substrate such that a first optical path of input light to said mirror section is optically connected to one of a plurality of second optical paths.

 2. (Once Amended) An optical path control apparatus comprising:
 - a first substrate,
 - a second substrate movably provided for said first substrate;
 - a mirror section provided on said second substrate; and
 - a driving section which moves said second substrate such that a first optical path of input light to said mirror section is optically connected to one of a plurality of second optical paths, wherein said driving section is an ultrasonic wave generating source, and
 - said second substrate is moved by progressive waves generated by said ultrasonic wave generating source and is located on a position by standing waves, and
 - said first optical path is optically connected to said second optical path associated with said position.

A3 3. (Once Amended) The optical path control apparatus according to claim 1, wherein said driving section is an ultrasonic wave generating source with a piezo-electric layer on the second substrate.

A4 6. (Once Amended) An optical path control apparatus comprising:
a first substrate;
a second substrate movably provided for said first substrate;
a mirror section provided on said second substrate; and
a driving section which moves said second substrate such that a first optical path of input light to said mirror section is optically connected to one of a plurality of second optical paths, wherein said second substrate has a micro light wheel,
said driving section has lasers, and rotates said second substrate based on laser beams emitted by said lasers, and
said first optical path is optically connected to said second optical path associated with a rotation angle of said mirror section.

7. (Once Amended) An optical path control apparatus comprising:
a first substrate;
a second substrate movably provided for said first substrate;
a mirror section provided on said second substrate; and
a driving section which moves said second substrate such that a first optical path of input light to said mirror section is optically connected to one of a plurality of second optical paths, wherein said second substrate is provided in a concave section of said first substrate, said concave section being filled with fluid;

said driving section moves said second substrate by supplying said fluid from one end of said concave section and absorbing said fluid from another end of said concave section,

said mirror section reflects said input light based on the movement of said second substrate such that said first optical path is optically connected to said second optical path.

8. (Once Amended) The optical path control apparatus according to claim 1, wherein said mirror section is a triangular prism shaped thin film mirror.

9. (Once Amended) The optical path control apparatus according to claim 1, wherein said mirror section is a triangular prism shaped lump type mirror.

10. (Once Amended) An optical path control apparatus comprising:

a substrate; and

a mirror section which has a reflective surface with a fixedly predetermined angle with respect to a surface of said substrate and is provided on said substrate and changes an optical path of reflection light to input light by said mirror section in response to an input signal.

11. (Once Amended) The optical path control apparatus according to claim 10, wherein said mirror section has two mirror portions, each of which comprises:

a mirror layer provided as a surface layer; and

an underside layer provided under said mirror layer and having a conductive wire,

wherein said two mirror portions attract or repel each other based on current as said input signal supplied to said conductive wires such that a reflection angle of said mirror section is changed.

12. (Once Amended) The optical path control apparatus according to claim 10, wherein said mirror section comprises:

a mirror layer provided as a surface layer;

a layer changing its shape in response to said input signal provided under said mirror layer; and

an electrode layer provided under said layer changing its shape,

wherein said mirror layer of said mirror section is transformed through transformation of said layer changing its shape in response to supply of said input signal such that a reflection angle of said mirror section is changed.

13. (Once Amended) An optical path control apparatus comprising:

a substrate; and

a mirror section which is provided on said substrate and changes an optical path of reflection light to input light by said mirror section in response to an input signal, wherein said mirror section has two mirror portions, each of which comprises:

a mirror layer provided as a surface layer; and

a magnetic layer provided under said mirror layer,

wherein said two mirror portions attract or repel each other through magnetization of said magnetic layer based on said input signal such that a reflection angle of said mirror section is changed.

14. (Once Amended) An optical path control apparatus comprising:

a substrate; and

a mirror section which is provided on said substrate and changes an optical path of reflection light to input light by said mirror section in response to an input signal, wherein said mirror section comprises:

a mirror layer provided as a surface layer;

a shape memory layer provided under said mirror layer; and

a heating layer provided under said shape memory layer,

wherein said mirror layer of said mirror section is transformed due to transformation of said shape memory layer through heating by said heating layer in response to said input signal such that a reflection angle of said mirror section is changed.

15. (Once Amended) The optical path control apparatus according to claim 10, wherein said mirror section is a triangular prism shaped thin film mirror.

21. (Once Amended) An optical path control apparatus comprising:

a first substrate;

a second substrate which is movable relative to said first substrate;

a mirror section provided over said first and second substrate, and having a reflective surface with an angle larger than zero with respect to a surface of said first substrate, and said reflective surface being on a side of said first substrate; and

a driving section which moves said second substrate such that a first optical path of input light to said mirror section is optically connected to one of a plurality of second optical paths.
